

**WE CLAIM:**

Sub A1)

1. A data controller that generates TEs for a data transfer.

Sub B2)

2. A data controller that minimizes interrupts by processing sequential commands.

Sub A2)

3. A data controller that creates and executes threads of sequential commands while

5 minimizing interrupts associated to the commands.

4. A data controller that creates threads of sequential commands and that generates

interrupts at the beginning and end of the commands.

add A3)  
ADD E17

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